

DO NOT ENTER: /K.G./

07/09/2007

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.(Currently Amended) Polycrystalline alumina components optionally containing MgO in a concentration of at most 0.3 wt-%, wherein the alumina contains a concentration from 0.1 to 0.5 wt-% inclusive ZrO₂ as an additive and has an average crystal size $\leq 2 \mu\text{m}$, a relative density higher than 99.95%, ~~and is transparent~~ with a real in-line transmission $\text{RIT} \geq 30\%$ measured over an angular aperture of at most 0.5° at a sample thickness of 0.8 mm and with a monochromatic wavelength of light λ , and wherein the ZrO₂ additive has an average particle size of at most 100 nm.

2.(Previously Presented) The polycrystalline alumina components according to claim 1, the wherein average crystal size is $\leq 1 \mu\text{m}$ and the real in-line transmission RIT is at least 40%.

3.(Currently Amended) The polycrystalline alumina components according to claim 1, wherein the ZrO₂ additive is in a concentration from 0.1 wt-% to 0.3 wt-%, inclusive.

4. (Previously Presented) A discharge lamp comprising a discharge tube having a wall of a ceramic as claimed in claim 1.